

Appl. No.: 10/054,755

Reply to *Ex parte Quayle* Action of January 9, 2007**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A rotary pump, comprising:

~~1. — A rotary pump comprising:~~

a main casing;

a casing cover cooperated with said main casing for defining a pumping chamber there between;

a pair of rotors received within said pumping chamber with mutually meshing pumping segments for synchronous revolution in mutually opposite directions;

a space being defined in one portion of said casing cover;

a cover piston being disposed within said space for movement back and forth with respect to an end surface of said rotor and being connected to one end surface of a piston rod of an air cylinder;

said air cylinder being mounted on said casing cover and comprising a piston;

at least one port being communicated with forward drive side and reverse drive side cylinder chambers and defined on both sides of the said piston of said air cylinder.

2. (Canceled)

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3. (Currently Amended) A rotary pump, comprising:

- a main casing;
- a casing cover cooperated with said main casing for defining a pumping chamber there between;
- a pair of rotors received within said pumping chamber with mutually meshing pumping segments for synchronous revolution in mutually opposite directions;
- a space being defined in one portion of said casing cover;
- a cover piston being disposed within said space for movement back and forth with respect to an end surface of said rotor and being connected to one end surface of a piston rod of an air cylinder;
- said air cylinder being mounted on said casing cover and comprising a piston;
- at least one port being communicated with forward drive side and reverse drive side cylinder chambers and defined on both sides of the said piston of said air cylinder.
- a lock cylinder having a lock bolt being mounted on said air cylinder;
- the other end surface of said piston rod of said air cylinder being abutted to said lock bolt for restricting movement of said cover piston by said lock bolt.

4-5. (Canceled)